

Tuberculosis in Rats.

For seven years I have been making almost daily experiments upon the internal organs of dead animals in order to increase my knowledge of comparative pathology. The postmortem examinations were made for the most part at the Lamparter, Glue works, in the suburbs of Lancaster, Pa. Here of course were the bodies of large numbers of animals which afforded me an abundant supply of subjects for examination. The vicinity of the works was swarmed with rats. Many of those, the workmen told me, sickened and died from time to time, and I became curious to know something about the disease that carried so many of the rodents off.

I could find next to nothing about the rat in books, so the thought growing upon me that the disease so fatal to the rat might be made dangerous to the rat's nearest neighbor, man himself, I undertook a series of experiments. My first rat subject was a sick one which I captured in the yard of the glue works without any exertion. The animal crawled about, made no effort to escape from me and when picked up offered no resistance. Its appearance indicated that it was dying of general debility. Its body was greatly emaciated. Its back was arched and its face bore an expression of distress. It refused food, was racked with a constant cough and in a few hours after being captured was found dead in the comfortable prison in which I had placed it.

My next subject was a healthier and more active rat. I caught him only to mark him and then gave him his freedom. He came into the yard regularly for his ration of flesh from various animals, but gradually showed the same symptoms that marked the condition of my first subject, and in fourteen days after capture he, too, was dead. The postmortem examination of these two cases developed the fact that the lungs were badly diseased. Tuberculosis had destroyed the right lung of each and only a part of the left remained.—Dr. S. E. Weber's Lecture.

Changes in an English School.

In 1824 Mr. Milnes Gaskell writes from Eton that an upper boy "got spurs and rode some of us (lower boys) over a leap positively impossible to be leaped over with a person on your back, and every time (which is every time) we cannot accomplish it he spurs us violently, and my thigh is quite sore with the iron made by those dreadful spurs; my new coat is completely ruined." In the next year Ashley minor, a son of Lord Shaftesbury, died in consequence of a fight which lasted two hours and a quarter on the same evening. The quarrel originated about a seat in the upper school.

Dr. Keate spoke about the sad event to the school three days later; he blamed the boys for letting the fight go on so long, but was not to be "seduced into any namby pamby peace-at-any-price sentimentalism." He said: "Not that I object to all fighting in itself; on the contrary, I like to see a boy return a blow." Such a state of things has fortunately entirely disappeared; a clergyman, a head master, a doctor of divinity, however much he might feel that the meek acceptance of injuries was not the sign of a keen and generous character, yet would now hesitate to mark fighting with his approval before an audience of boys whom he was bound by statute to instruct in Christian principles.—National Review.

How His Heart Was Won.

When Colonel Van Wyck was running for congress many years ago in the Fifteenth New York district, there was a certain Irishman who steadfastly refused to give the old soldier any encouragement. The colonel was greatly surprised, therefore, when Pat informed him on election day that he had concluded to support him.

"Glad to hear it, glad to hear it," said the colonel. "I rather thought you were against me, Patrick."

"Well, sir," said Patrick, "I wuz, and whin ye stud by me pippen, and talked that day fur two hours or worse ye didn't budge me a hair's breadth, sir; but after ye wuz gone away I got to thinking aow ye reached yer hand over the fence and scratched the pig on the back till he laid down wid the pleasure of it, and I made up me mind that whin a rale colonel was as sociable as that I wasn't the man to vote agin him."—Nebraska State Journal.

Natural Paint.

Twenty miles from Newcastle, Northumberland county, New Brunswick, a deposit of natural paint (96 per cent. oxide of iron) has been discovered, and so pure that it does not require refining or even manufacture, since it is ready for mixing with oil in the proportion of two pounds of paint to a gallon of oil.—Exchange.

Perfecting His Italian.

Mrs. McLaughlin—Is your son goin to school now, Mrs. McGooghan?
Mrs. McGooghan—No, sure, he's t'rew wid the English branches. He's per fectin his Italian now.
"Where?"
"Helpin dig a sewer down on the road beyant."—New York Weekly.

A Shrewd Investment.

The investment of £4,000,000 made by the British government in the Suez canal shares will in a year or two, according to Mr. Goschen, be worth £19,000,000, which proves it to have been an excellent stroke of business as well as of diplomacy.—New York Times.

Saving a Stamp.

Mamma—Why did you put two stamps on this letter? One would have been plenty.
Little Tommy—One of the stamps was t'rew, and I didn't want to waste it.—Good News.

The Earliest Lighthouses.

Fire towers at the entrances to ports were established in the earliest historic times. Bonfires were built on top of them at night.—Washington Star.

Walled Cities in India and China.

The first glimpse we get of an eastern walled city unfolds at once memories of our childhood days, which have perhaps never been awakened since, and the pictures of our childish books, which impressed themselves so vividly upon our minds, are reproduced in the bright colors of old, when we are brought face to face with the quaint battlements and the dark gateways, with the accessories of bright, burning sunshine and turbaned figures and processions of camels and the listless calm of the tropical land. Such old cities are still to be seen in India, still walled in the old fashion and still peopled by the figures of the Biblical picture book.

Closely akin to them are those walled towns standing on the canals of mid-China, passing through which, say at the close of day, when every tower and every roof stands out clearly against the brilliant western sky and we are challenged by a grotesque figure, armed with a spear and probably wearing armor, the illusion is complete, and for the moment we find it hard to realize that we are traveling at the end of the Nineteenth century.

Even in much changed Japan there are old cities which still retain their walls of the age of feudalism, and in the very heart of the capital the imperial palace is surrounded by the same quaint fortifications which in old troublous times made it an imperium in imperio, although the walls are crumbling and the gates are never shut, and the moats have been abandoned to the lotus and to carp of monstrous size and fabulous age.—Cor. Chicago Herald.

"Toilettes" for September is a superb number of that elegant Fashion Journal. Each issue seems to be more beautiful than the preceding; it appears to be growing in size as well, for it has now 20 pages of choice engravings, instead of 16 as formerly, besides a handsome cover, yet the price, 15 cents for a single copy, or \$1.50 per year, remains the same. It is quite evident that the publishers are determined that "Toilettes" shall be the favorite Fashion Magazine in this country, and it is just as evident that our lady friends are of the same opinion, as they are all buying it. All first-class book and news dealers have it on safe one month in advance. Published by Toilettes Publishing Co., 126 West 23d Street, New York.

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